DEPARTMENT OF HEALTH AND SOCIAL SECURITY
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BRIGG

URBAN DISTRICT COUNCIL

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

1973

MEDICAL OFFICER OF HEALTH

J. S. Robertson, M.B, Ch.B., M.R.C.S., D.P.H., D.I.H.

DEPUTY MEDICAL OFFICER OF HEALTH

A. V. Sheard, M.B., Ch. B., D.Obst.R.C.O.G., D.P.H.

Office: Public Health Department, The Cedars, Bigby Road, Brigg.
Tel: Brigg 3604/5

Clerks: Mrs. M. H. Akester
Mrs. N. A. Titman
Mrs. M. E. Jackson

PUBLIC HEALTH INSPECTORS

J. B. Cowdell, M.A.P.H.I.

D. J. Hartley

Office: Civic Centre, Cary Lane, Brigg.

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The Cedars,
Bigby Road,
BRIGG,
South Humberside,
DN20 8HH.

July, 1974.

Mr. Chairman, Ladies and Gentlemen,

During the last year as a Public Health Authority the vital statistics for the town of Brigg were exceptionally good. There was a substantial fall in the birth rate, combined with a complete absence of stillbirth or infant death.

Notified infectious diseases were very few apart from measles. This was part of a widespread epidemic of measles in the area, and it is unfortunate that this disease is still common. It is entirely preventable by a simple and safe inoculation which should be given early in the second year of life, but can be given to children up to 16 years who have not yet had measles. It is freely available at the surgeries and clinics.

The Deputy Health Inspector left during the year to take up a post in Grimsby and Mr. T. F. Moore was appointed to the post. There was a full complement of two inspectors for most of the year, and at long last some of the backlog of necessary hygiene inspection was undertaken.

Detailed inspection of a caravan site showed a number of contraventions of the site licence, which were remedied by informal advice. A survey of the food shops showed some contravention of the food hygiene regulations in three-quarters of them, requiring advice and instructions on improvements.

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The Council has not encouraged house improvements by speculative absentee landlords, but nevertheless an impressive total of 92 standard and improvement grants have been given. A start has been made on clearing derelict property with two large premises cleared, though there still remains some derelict and sub-standard property in the town which should either be cleared or improved by the new Council.

Plans for the major sewage works improvements and extensions were finished before the end of the year and ready to put out to tender, but further action was left to the Anglian Water Authority which has taken over the sewage works in 1974. The Water Authority have it in their immediate programme to start in 1974. A new public toilet block at East Park was completed during the year.

While the disappearance of small authorities such as ours will be a cause of some sadness there should be many advantages as a result of reorganisation. With their necessarily small staff and meagre resources, authorities as small as Brigg experience considerable disruption of services if even one member of staff is off sick, on leave, or there is any delay in replacing an officer who has left. The new Glanford Borough Council with its much bigger staff will be better able to maintain services at such times, and we can look forward to a future when our recent "Stop and go" progress with food hygiene, slum clearance and public health work in general will be replaced by an era of steady and maintained progress.

Although the traditional post of Medical Officer of Health is one of the casualties of reorganisation, the new authority is appointing the District Community Physician as their "Medical Officer of Environmental Health" with somewhat similar functions. Having been appointed to this post I shall therefore continue to serve the people of Brigg in the future, as I have for the past 17 years. While reorganisation will involve a considerable upset in administrative arrangements and cause some temporary difficulties until we all know our way around in the new system, it does

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offer great opportunities to reconsider and improve a variety of services. Let us hope that we are able to make the most of these opportunities in the years to come.

I should like to thank the officers of the Health Department also members of the Committee for their co-operation and support through the years, and wish Brigg well for the future.

I am,

Your obedient servant,

J. S. Robertson
Medical Officer of Health.

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VITAL STATISTICS

	1971	1972	1973
Mid-year population	4,860	4,890	4,870
Live Births	82	74	62
Stillbirths	1	2	-
Infant deaths under 4 weeks of age	2	-	-
Total deaths	79	70	67

	Legitimate			Illegitimate			Tot.
	Male	Female	Total	Male	Female	Total	
Live Births	35	23	58	2	2	4	62
Stillbirths	-	-	-	-	-	-	-
Infant deaths under 1 year	-	-	-	-	-	-	-
Infant deaths under 4 weeks	-	-	-	-	-	-	-
Infant deaths under 1 week	-	-	-	-	-	-	-

	1972	1973	England and Wales 1973
Crude Birth Rate	15.1	12.7	13.7
Corrected Birth Rate *	17.7	14.1	(13.7)
Stillbirth Rate	26.0	-	12.0
Infant Mortality Rate	-	-	17.0
Legitimate Infant Mortaltiy Rate	-	-	16.0
Illegitimate Infant Mortality Rate	-	-	22.0
Neonatal Mortality Rate	-	-	11.0
Early Neonatal Mortality Rate	-	-	10.0
Perinatal Mortality Rate	26.0	-	21.0
Illegitimacy Rate	14.0	6.0	9.0
Crude Death Rate	14.3	13.8	12.0
Corrected Death Rate *	9.7	11.7	(12.0)

* These corrections take account of the different proportions of old and young people in the area, and make the resulting rate comparable with that for England and Wales. Thus, a resort to which old people retire would have a high crude rate, but a low comparability factor would correct the false impression that this was an unhealthy area. The comparability factor for births in this district is 1.11 and .85 for deaths

Causes of Death in the District during the year 1973.

Registrar General's Figures)

Causes of Death	0-	1-	15-	25-	45-	65+	Total M	Total F
Malignant Neoplasm, Bucoal Cavity	-	-	-	-	-	1	1	-
Malignant Neoplasm, Oesophagus	-	-	-	-	1	1	-	2
Malignant Neoplasm, Stomach	-	-	-	1	-	-	1	-
Malignant Neoplasm, Intestine	-	-	-	-	1	-	-	1
Malignant Neoplasm, Lung, Bronchus	-	-	-	-	2	1	2	1
Malignant Neoplasm, Uterus	-	-	-	-	-	1	-	1
Malignant Neoplasm, Prostate	-	-	-	-	-	1	1	-
Other Malignant Neoplasms etc.	-	-	-	-	1	-	-	1
Other Endocrine Diseases	-	-	-	-	-	1	1	-
Ischaemic Heart Disease	-	-	-	-	4	18	13	9
Other Forms of Heart Disease	-	-	-	1	-	4	2	3
Cerebrovascular Disease	-	-	-	1	1	12	6	8
Other Diseases of Circulatory System	-	-	-	-	1	-	1	-
Pneumonia	-	-	-	-	-	5	2	3
Bronchitis and Emphysema	-	-	-	-	-	1	-	1
Intestinal Obstruction and Hernia	-	-	-	-	-	1	1	-
Other Diseases, Genito-Urinary System	-	-	-	-	-	1	1	-
Diseases of Skin, Subcutaneous Tissue	-	-	-	-	-	1	1	-
Congenital Anomalies	-	-	-	1	-	-	1	-
All Other Accidents	-	-	1	-	-	-	1	-
Suicide and Self-Inflicted Injuries	-	-	-	-	1	-	1	-
All other External Causes	-	-	-	-	-	1	1	-
TOTAL:	-	-	1	4	12	50	37	30

NOTIFICATION OF INFECTIOUS AND OTHER DISEASES BY AGE GROUPS

DISEASES	0+	1+	2+	3+	4+	5+	10+	25+	A.U.	TOTAL
Measles	2	3	5	4	5	24	1	-	2	46
Scarlet Fever	-	-	-	-	-	2	-	-	-	2
Dysentery	-	-	-	-	-	-	1	-	-	1
Food Poisoning	-	-	-	-	-	-	1	-	-	1
TOTAL:	2	3	5	4	5	26	3	-	2	50

PUBLIC WATER SUPPLY

Water is supplied to the town by the North Lindsey Water Board. The water comes from deep bores in the chalk at Barrow-on-Humber.

The following table gives details of Bacteriological examination of water samples taken during the year.

Presumptive Coli Count	"Raw Water"	Chlorinated Water
Less than 1 per 100 ml.	52	87
1 to 2 per 100 ml.	15	0
3 to 10 per 100 ml.	11	0
More than 10 per 100 ml. or E. Coli type 1 present	17	0
Total:	95	87

Chemical Analyses

Barrow-on-Humber Bore		Raw Water	Treated Water
Appearance		faint trace of suspended matter	faint trace suspended Matter
Colour		colourless	colourless
Taste		normal	normal
Smell		none	none
General Chemical Examination		Parts per Million	
Reaction, pH Value	7.3	7.2	
Free Carbon Dioxide as CO_2		28.0	32.0
Ammoniacal Nitrogen as N		0.048	0.024
Albuminoid Nitrogen as N		0.096	0.064
Nitrous Nitrogen		none	none
Nitric Nitrogen as N		10.6	10.0
Poisonous Metals (Lead etc.)		less than 0.04	
Hardness (calculated from Mineral Analysis as $CaCO_3$)		351.7	191.8
Temporary		209.1	191.8
Permanent		142.6	--
Permanganate Value (4 hours at 80°F) as O		0.36	0.44
Alkalinity as $CaCO_3$		209.1	221.5
Including Sodium Bicarbonate ($NaHCO_3$)		--	48.0
Mineral Analysis			
Silica		5.00	5.00
Iron Oxide		0.24	0.06
Aluminium Oxide		--	--
Calcium as Ca		132.05	72.10
Magnesium as Mg		5.33	2.85
Sodium as Na		13.83	91.76
Carbonates as CO_3		125.40	132.00
Chlorides as Cl		36.00	37.00
Nitrates as NO_3		46.92	44.27
Sulphates as SO_4		80.65	80.00
Manganese as Mn		none	0.009
Probable composition of Mineral constituents			
Silica		5.00	5.00
Iron Oxide		0.24	0.06
Calcium Carbonate		209.14	180.07
Calcium Sulphate		114.29	--
Calcium Chloride		40.63	--
Magnesium Carbonate		--	9.88
Magnesium Chloride		13.48	--
Magnesium Nitrate		11.53	--
Sodium Carbonate		--	30.03
Sodium Sulphate		--	118.31
Sodium Chloride		--	61.00
Sodium Nitrate		51.11	60.69
		445.42	465.04

ANNUAL REPORT OF THE PUBLIC HEALTH INSPECTOR

HOUSING

Total number of dwelling-houses and flats in the district	1,854
Total number of new houses erected during the year:-	
By the local authority	Nil
By other local authorities	Nil
By other bodies or persons	31
Inspection of dwelling-houses during the year	
Number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	9
Number of inspections made for the purpose	9
Remedy of defects during the year without service of formal notice	
Number of defective dwelling-houses rendered fit in consequence of informal action by the local authority	Nil
Action under statutory powers during the year	
(1) Proceedings under the Public Health Acts	
Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	Nil
(2) Proceedings under the Housing Acts	
Number of dwelling-houses in respect of which notices were served requiring repairs	Nil
(3) Slum Clearance - proceedings under the Housing Acts	
Number of dwelling-houses in repect of which Demolition Orders were made	Nil
Number of dwelling-houses demolished in pursuance of Demolition Orders	Nil
Number of dwelling-houses or parts, subject to Closing Orders	Nil
Number of dwelling-houses or parts, rendered fit by undertakings	Nil
Number of dwelling-houses included in confirmed Clearance Orders	Nil

Number of dwelling-houses on which Demolition Orders are operative and to which are still occupied except under the provisions of Sections 34, 35 & 46 of the Housing Act, 1957	Nil
Number of dwelling-houses occupied under Section 34, 35 & 46 of the Housing Act, 1957	Nil
Houses demolished or closed voluntarily by owners which would otherwise have been the subject of statutory action to secure demolition or closure	Nil

(4) Nissen Huts or similar Hutments

Number still occupied	Nil

(5) Estimated number of dwellings, excluding those under paragraph 4 above, remaining to be dealt with under:-

(a) The Housing Act, 1957, Sections 16 & 18	Nil
(b) The Housing Act, 1957, Section 42	Nil

Housing Acts - Overcrowding

Number of cases of overcrowding relieved during the year	Nil
Number of dwellings overcrowded at the end of the year	Nil

Housing Act, 1969

Number of dwellings for which applications for grants have been made:-

(a) Standard Grant (Section 8)	3
(b) Improvement Grant (Section 2)	90
(c) Special Grants (Section 13)	Nil

Number of dwellings subject to grant:-

(a) Standard Grant	3
(b) Improvement Grant	89
(c) Special Grant (including dwellings in improvement areas)	Nil

Moveable Dwellings, Tents, Vans etc.

Caravan Sites and Control of Development Act, 1960:-

Number of site licences	1
Total number of caravans permitted under such licences	60

Number of inspections made during the year:-

(a) Sites	11
(b) Caravans	1
Number of contraventions remedied	8
Number of sites exempt from licence	Nil

FOOD PREMISES

Bakehouses:-

Number in the district	4
Number of inspections made	23
Number of contraventions found	4
Number of defects remedied	3

Ice Cream:-

Number of manufacturers on register	Nil
Number of premises licensed for the sale of ice cream	21
Number of inspections made	21
Number of contraventions found	Nil

Meat Products:-

Number of premises registered for manufacture of meat products	5
Number of inspections made	5
Number of contraventions found	Nil

Other Food Premises:-

Number of other food premises	66
Number of inspections made	210
Number of contraventions found	50
Number of defects remedied	30

Slaughterhouses:-

Number licensed:-

(a) Abattoir Type	Nil
(b) Private	1

UNSOUND FOOD:

CARCASES AND OFFAL INSPECTED AND CONDEMNED IN WHOLE OR IN PART

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed	29	-	-	13	-
Number inspected	100%	100%	100%	100%	100%
All diseases except Tuberculosis and Cysticerci					
Whole carcases condemned	-	-	-	-	-
Carcases of which some part or organ was condemned	2	-	-	1	-
Percentage of the number inspected affected with disease other than Tuberculosis and Cysticerci					
Tuberculosis only:					
Whole carcases condemned	-	-	-	-	-
Carcases of which some part or organ was condemned	-	-	-	-	-
Cysticerosis:					
Carcases of which some part or organ was condemned	-	-	-	-	-
Carcases submitted to treatment by refrigeration	-	-	-	-	-
Generalised and totally condemned	-	-	-	-	-

Other Foods Condemned:- 21½lbs. Canned Meats
122lbs. Miscellaneous Canned Foods
156lbs. Other Foods

Method of disposal of condemned food: Meat - Animal By-products firm
Other Foods - Tipping under supervision

DRAINAGE AND SEWERAGE

Closets:

Number of houses with pail closets	Nil
Number of houses with water closets	1,854
Number of water closets substituted for pail closets	Nil

Cesspools and Septic Tanks:

Number of cesspools and septic tanks emptied etc.	1
Number of cesspools and septic tanks abolished	Nil

WATER SUPPLIES (Domestic)

Number of houses supplied from public mains:-	
in the house	1,854
from an outside tap	Nil
Number of houses supplied from private sources	Nil
Number of houses with unsatisfactory supplies	Nil

SWIMMING POOLS

Number in operation	3
Number fitted with continuous mechanical filtration and chlorination	3

GENERAL

Offensive Trades:

Number of premises in the district	Nil

Knackers Yard

Number licensed	Nil

Offices, Shops and Railway Premises Act, 1963.

Number of premises licensed	113
Number of inspections made	70
Number of defects found	40
Number of defects remedied	10

Refuse Collection and Disposal

Number of premises from which refuse is collected	1,854
Frequency of collection	Weekly
Type of receptacle used	Bin
Disposal is by controlled tipping by arrangement with Glanford Brigg R.D.C.	
Number of vehicles used	1
Estimated amount of refuse disposed of during the year:-	
Domestic (approx.)	4,680 tons
Trade (approx.)	250 tons

The Council makes a special free collection of bulky household refuse which is too large for normal collection. A charge is made for the collection of garden refuse.

Details of Nuisances Abated

Nuisance	After informal intimation	After statutory notice
Refuse	-	-
Foul ditches & stagnant water	-	-
Drainage	-	-
Poultry & Animals	-	-
Dangerous Premises	-	-
Miscellaneous Nuisances	-	-
Total:	-	-

Disinfection and Disinfestation

Rooms or premises disinfected:-

(a) Infectious disease other than tuberculosis	Nil
(b) Tuberculosis	Nil
Number of premises subject to disinfestation	Nil

Rodent Control

Number of rodent operatives employed (Rodent control done by specialised firm)	None

Number of premises treated:-

(a) Dwelling-houses	80
(b) Other premises	3

The service covers domestic, business and agricultural premises.

There are no serious reservoirs of rats in the district.

Atmospheric Pollution

Number of visits	2
Number of nuisances found	Nil
Number of smokeless zones	Nil

Noise Abatement Act, 1960

Number of complaints	1
Number of nuisances found	Nil

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